

Title (en)
BIO-FILM RESISTANT SURFACES

Title (de)
BIOFILMRESISTENTE OBERFLÄCHEN

Title (fr)
SURFACES RÉSISTANTES À LA FORMATION DE BIOFILM

Publication
EP 2166840 A1 20100331 (EN)

Application
EP 08780771 A 20080606

Priority
• US 2008066150 W 20080606
• US 94528807 P 20070620

Abstract (en)
[origin: WO2008157092A1] The present invention relates to methods and compositions for rendering a surface resistant to bio-film formation by a combination of an alkanediol and an antimicrobial agent (and, optionally, an organic hydroxy acid). The invention provides for compositions which may be used to render surfaces bio-film resistant, articles having bio-film resistant surfaces, and methods for their preparation. The present invention may be advantageously applied to medical articles as well as articles used in non-medical contexts, such as child care or food preparation.

IPC 8 full level
A01N 25/32 (2006.01); **A01N 31/02** (2006.01); **A01N 47/44** (2006.01); **A01N 59/16** (2006.01); **A61L 15/46** (2006.01); **A61L 29/16** (2006.01); **A61L 31/16** (2006.01)

CPC (source: EP US)
A01N 47/44 (2013.01 - EP US); **A61L 15/46** (2013.01 - EP US); **A61L 29/16** (2013.01 - EP US); **A61P 31/02** (2017.12 - EP); **A61L 2300/104** (2013.01 - EP US); **A61L 2300/404** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
WO 2008157092 A1 20081224; EP 2166840 A1 20100331; EP 2166840 A4 20130123; EP 2166840 B1 20170111; US 2009029961 A1 20090129; US 8932624 B2 20150113

DOCDB simple family (application)
US 2008066150 W 20080606; EP 08780771 A 20080606; US 13491108 A 20080606